


FORM PTO-1449		Atty. Docket No. SPARKOLOR 01-005	Serial No. 10/005,992
LIST OF PRIOR ART CITED BY APPLICANT		Applicant: David A.G. Deacon	
		Filing Date: November 8, 2001	Group: 2874 2828

U.S. PATENT DOCUMENTS

Examiner Initial*	Document Number	Grant Date	Name	Class	Sub Class	Filing Date
AL	AA	4,006,963	02/08/77	Baues et al.	350	96C
AL	AB	5,182,665	01/26/93	O'Callaghan et al.	359	95
AL	AC	5,504,772	04/02/96	Deacon et al.	372	102
AL	AD	5,581,572	12/03/96	Delorme et al.	372	50
	AE					
	AF					
	AG					
	AH					
	AI					
	AJ					

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Examiner Initial*	Document Number	Publ. Date	Country	Class	Sub Class	Translation Yes No
AL	AK	2 286 057	08/02/95	U.K.		X
	AL					

OTHER ART (Including Author, Title, Date, Pertinent Pages, Etc.)

AL	AM	S. Ura et al., "Electro-Optic Functional Waveguide Using New Polymer p-NAn-PVA for Integrated Photonic Devices", Jpn. J. Appl. Physics, Vol. 31, (1992) pp. 1378-1381.
AL	AN	D.M. Adams et al., "Module-Packaged Tunable Laser and Wavelength Locker Delivering 40 mW of Fibre-Coupled Power on 34 Channels", Electronic Letters, May 24, 2001, Vol. 37, No. 11, pp. 691-693.
AL	AO	H-F Liu et al., "Polymer Tunable Laser", IEEE Laser & Electro-Optics Society, LEOS 2001, 5 pages.)

EXAMINER:

A Rodriguez

DATE CONSIDERED:

4-4-05

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AL AA	4,582,390	04/15/86	Furuya	350	96.12	11/08/01
AL AB	4,896,325	01/23/90	Coldren	372	20	
AL AC	5,253,314	10/12/93	Alferness et al.	385	40	
AL AD	5,333,216	07/26/94	Sakata et al.	385	28	
AL AE	5,511,084	04/23/96	Amann	372	20	
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AF						
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AL AG	P.-J. Rigole et al., "State-of-the-Art: Widely Tunable Lasers", SPIE, Vol. 3001, pp. 382-393.					
AL AH	T. Kunii et al., "Wavelength Tunable Light Source", OKI Technical Review 152, Vol. 61, May 1995, pp. 89-92.					
AL AI	S.L. Woodward et al., "A DBR Laser Tunable by Resistive Heating", IEEE, Vol. 4, No. 12, December 1992, pp. 1330-1332.					
AL AJ	K. Furuya et al., "A Novel Deposit/Spin Waveguide Interconnection (DSWI) for Semiconductor Integrated Optics", IEEE, Vol. QE-18, No. 10, October 1982, pp. 1783-1789.					
AL AK	C. Barrett et al., "Photoinscription of Channel Waveguides and Grating Couplers in Azobenzene Polymer Thin Films", SPIE, Vol. 3006, pp. 441-449.					
AL AL	M-C Oh et al., "Polymeric Wavelength Filters with Polymer Gratings", Applied Phys. Lett., Vol. 72, No. 13, March 30, 1998, pp. 1559-1561.					
EXAMINER: <i>A. Rodriguez</i>				DATE CONSIDERED: <i>4-4-05</i>		
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AL BA	5,621,828	04/15/97	Baets et al.	385	14	/	
AL BB	5,732,102	03/24/98	Bouadma	372	96		
AL BC	5,827,039	01/05/99	Bosc et al.	385	14		
AL BD	6,002,823	12/14/99	Chandross et al.	385	50		
AL BE	Re 36,710	05/23/00	Baets et al.	385	14		
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AL BG	C. Manolatu et al., "High-Density Integrated Optics", <i>J. of Lightwave Tech.</i> , Vol. 17, No. 9, September 1999, pp. 1682-1692.						
AL BH	L. Eldada et al., "Integrated Multichannel OADM's Using Polymer Bragg Grating MZI's", <i>IEEE</i> , Vol. 10, No. 10, October 1998, pp. 1416-1418.						
AL BI	P-J Rigole et al., "114-nm Wavelength Tuning Range of a Vertical Grating Assisted Codirectional Coupler Laser with a Super Structure Grating Distributed Bragg Reflector", <i>IEEE</i> , Vol. 7, No. 7, July 1995, pp. 697-699.						
AL BJ	K. Tada et al., "Temperature Compensated Coupled Cavity Diode Lasers", <i>Optical & Quantum Elect.</i> , 16, 1984, pp. 463-469.						
AL BK	T. Tanaka et al., "Hybrid Integrated External Cavity Laser Without Temperature Dependent Mode Hopping", <i>OFC '99</i> , WH7 1-3, pp. 146-148.						
AL BL	B. Broberg et al., "Integrated Widely Tunable Laser Modules", <i>ECIO '99</i> , 6 pages.						
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CA						
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CF						
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AL	CG	B. Broberg et al., "Widely Tunable Semiconductor Lasers", <i>IEEE</i> , 1998, pp. 151-152, pp. 137-139.				
AL	CH	P-J. Rigole et al., "Access to 20 Evenly Distributed Wavelengths Over 100nm Using Only a Single Current Tuning in a Four-Electrode Monolithic Semiconductor Laser", <i>IEEE</i> , Vol. 7, No. 11, November 1995, pp. 1249-1251.				
AL	CI	A.A. Saavedra et al., "Relative Intensity Noise and Linewidth Measurements of a Widely Tunable GCSR Laser", <i>IEEE</i> , Vol. 10, No. 4, April 1998, pp. 481-483.				
AL	CJ	A.A. Saavedra et al., "Amplitude and Frequency Modulation Characteristics of Widely Tunable GCSR Lasers", <i>IEEE</i> , Vol. 10, No. 10, October 1998, pp. 1383-1385.				
AL	CK	I. Kim et al., "Broadly Tunable Vertical-Coupler Filtered Tensile-Strained InGaAs/InGaAsP Multiple Quantum Well Laser", <i>Applied Phys. Lett.</i> , Vol. 64, No. 21, May 23, 1994, pp. 2764-2766.				
AL	CL	R.C. Alferness et al., "Broadly Tunable InGaAsP/InP Laser Based on a Vertical Coupler Filter with 57nm Tuning Range", <i>Applied Phys. Lett.</i> , Vol. 60, No. 26, June 29, 1992, pp. 3209-3211.				
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DA						
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DF						
OTHER ART (Including Author, Title, Date, Pertinent Pages, Etc.)						
AL	DG	W.M. Steffens et al., "Effect of Internal Reflections on Wavelength Access in Widely Tunable Laser Diodes", <i>IEEE</i> , Vol. 34, No. 9, September 1998, pp. 1698-1705.				
AL	DH	A.A. Saavedra et al., "Amplitude and Frequency Modulation Characteristics of Widely Tunable GCSR Lasers", <i>IEEE</i> , Vol. 10, No. 10, October 1998, pp. 1383-1385.				
AL	DI	Z.M. Chuang et al., "Enhanced Wavelength Tuning in Grating-Assisted Codirectional Coupler Filter", <i>IEEE</i> , Vol. 5, No. 10, October 1993, pp. 1219-1221.				
AL	DJ	M.C. Amann et al., "Widely Tunable Laser Diode with Tapered Index Perturbations for Reduced Internal Reflections and Improved Wavelength Access", <i>Electronics Lett.</i> , Vol. 32, No. 3, February 1, 1996, pp. 221-222.				
AL	DK	M. Oberg et al., "74nm Wavelength Tuning Range of an InGaAsP/InP Vertical Grating Assisted Codirectional Coupler Laser with Rear Sampled Grating Reflector", <i>IEEE</i> , Vol. 5, No. 7, July 1993, pp. 735-738.				
AL	DL	L. Eldada et al., "Thermally Tunable Polymer Bragg Grating OADM's", <i>OFC '99 100C</i> , Technical Digest Conf. Edition, Feb. 25, 1999, pp. 98-100.				
EXAMINER: <i>H. Rodriguez</i>				DATE CONSIDERED: <i>4-4-05</i>		
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	EF						
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	EG	L. Eldada et al., "Thermo-Optically Active Polymeric Photonic Components", OFC '2000, Technical Digest Series, March 8, 2000, pp. 124-126.					
	EH						
	EI						
	EJ						
	EK						
	EL						
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